

METHOD OF MAKING FOAM COATED MAT ONLINE AND COATED MAT PRODUCT

ABSTRACT

A new foam coated nonwoven fibrous mat having properties particularly suited for a facer on gypsum wallboard, laminates made therefrom and the method of making the mat is disclosed. The mat preferably contains a major portion of glass fibers and a minor portion of a resinous binder. The foam coating is permeable and reduces fiber dust and abrasion experienced in the past with relatively coarse, relatively inexpensive glass fibers in the mat. Contrary to previous methods, the foam coated fibrous mat is made in-line on a wet mat forming production line by applying a wet foam binder onto a wet, fibrous web followed by drying and curing in-line.